

SOLICITATION INFORMATION

September 23, 2005

BID NUMBER #B05637

**TITLE: RI CONTRACT #2005 - CH - 084
RELOCATED RT. 4 & 403 INTERCHANGE**

OPENING DATE AND TIME: 10/21/05 – 11:30 A.M.

PRE-BID/ PROPOSAL CONFERENCE: YES DATE: 10/11/2005 TIME: 9:00 AM

**LOCATION: DEPARTMENT OF TRANSPORTATION, (TMC) TWO CAPITOL HILL, RM
126, PROVIDENCE, RI**

SURETY REQUIRED: YES

BOND REQUIRED: YES

**WILLIAM J. ANDERSON C.P.M.
ADMINISTRATOR/PURCHASING SYSTEMS**



WA/dls

**Vendors must register on-line at the State Purchasing Website at
www.purchasing.state.ri.us to be able to download a Bidder Certification Cover
Form which must accompany each offer.**

NOTE TO VENDORS:

**Offers received without the entire completed three-page RIVIP
Generated Bidder Certification Cover Form attached may result in
offer disqualification.**

THIS PAGE IS NOT A BIDDER CERTIFICATION FORM

*** THIS IS A DISK-BASED BID ***

**ELECTRONIC BIDDING
PROCEDURE NOTICE**

All Bidders **MUST** register in person at the office of Contract Administration to obtain necessary Bidder Registration and Digital ID's.

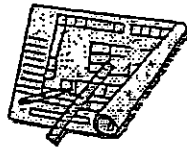
NO BID OFFER WILL BE ACCEPTED WITHOUT PROPER BIDDER REGISTRATION AND DIGITAL ID'S.

**RHODE ISLAND
DEPARTMENT OF TRANSPORTATION**

RIDOT Provides:



CD



Plans (on CD)



**Contract Documents
(on CD)**

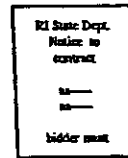


**DOQ Report
(on CD)**

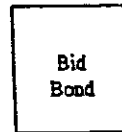
Bidder Must Submit:



**Readable 3 1/2"
High Density
Disk or CD**



**Completed &
Signed Proposal**



Completed Bond



Completed & Signed

Call the Contracts & Specifications Office at 222-2495
to request technical support on issues directly related to the
Department's Electronic Disk-Based Bidding Program.
Office Hours: 8:30 AM – 4:00 PM

NO BID OFFER WILL BE CONSIDERED
UNLESS ACCOMPANIED BY A 3 1/2" DISK OR CD
CONTAINING THE BID PROPOSAL FILE

GENERATED BY THE RIDOT BID PREPARATION PROGRAM (QUEST LITE)

*Failure to comply will result in a mandatory disqualification per Section 102.07 of Part
100, General Requirements and Covenants of the RI Dept. of Transportation's Standard
Specifications for the Road and Bridge Construction, 2004 Edition*

NOTICE TO HIGHWAY AND BRIDGE CONTRACTORS

Rhode Island Department of Transportation (RIDOT)
Contracts and Specifications

ELECTRONIC BIDDING PROCEDURES **QUEST LITE UPGRADE**

Effective September 12, 2005, bid offers for all RIDOT Contracts requiring the use of the Department's Quest Lite bid preparation software **MUST** be prepared using **Quest Lite Version 040406 (2.8.2)**. Failure to comply with this requirement could result in the disqualification of your bid offer.

Full installation and upgrade-only software packages for Quest Lite Version 040406 (2.8.2) will be provided on the project advertising CD's, which are available to prospective bidders through the Contracts and Specifications office on or after the scheduled project advertising date.

Contractors presently using Quest Lite Version 040405 (2.8.1) need only install the upgrade package to complete the conversion.

For technical assistance, contact the Contracts and Specifications office at 222-2495.

Rhode Island Department of Transportation (RIDOT)

Notice to Contractors**THIS IS A DISK-BASED BID**

Bid offers will be accepted *only on disk/CD generated by RIDOT-supplied software called Quest Lite; each disk/CD must be accompanied by a hard copy signed offer printed from the software and submitted at the Bid Opening.* Minimum computer hardware and operating system requirements are listed here. *Training is strongly recommended; SEE BELOW.*

CONTACT:**RIDOT CONTRACTS & SPECIFICATIONS**Phone: **401-222-2495**

Rm. 108, Two Capitol Hill, Providence, RI 02903

Hours: **Mon – Fri, 8:30AM– 4:00PM****1. Required Registration Codes for Each Bidder**

Registration Codes for RIDOT software are necessary to use the software; a firm only needs to register once to acquire secure, unique codes to be used with all RIDOT disk-based construction project bids.

2. The required Quest Lite installation software and all applicable Contract Documents are provided on a CD-ROM.

The Contract Documents include the RI Standard Specifications, 2004 edition and all subsequent revisions and addenda, the RI Standard Details, General Provisions, Special Provisions, Distribution of Quantities and Engineering Plans, and all other applicable documents.

3. Addenda, when necessary, are available on Purchases' RIVIP website

at: <http://www.purchasing.ri.gov/>

RIDOT will make all necessary addenda available at Purchases' web site. It is the plan-holders responsibility to poll the RIVIP to keep up-to-date on addenda.

4. Training can be requested up to three (3) days prior to the Bid Opening

Training is provided on request. Arrangements must be made through the RIDOT Contracts & Specifications Office at least three (3) days prior to the Bid Opening of the project.

5. Technical Support is available.**Minimum Computer Hardware and Operating System Requirements:**

- Windows 98 SE, Windows NT 4.0 (w/SP6), Windows 2000 (w/SP3) or Windows XP Pentium III 500MHz PC (1GHz recommended)
- CD-ROM Drive, Floppy Drive, Printer & 15" Monitor (17" recommended)
- 20GB Hard Disk with 1GB free (40 GB with 5 GB free recommended)
- 256 MB RAM (512 MB recommended)
- 32 MB Video Card (64 MB SVGA recommended)
- Internet Explorer 5.5 SP1 (Internet Explorer 6.0 SP1 recommended)

**State of Rhode Island and Providence Plantations
Department of Transportation - Design Section**

**Notice to Contractors
Special Provisions
Proposal
Contact Agreement
Contract Bond**

for the Performance of

Rhode Island Contract Number: 2005-CH-084

Rhode Island Federal-Aid\State-Aid Project Numbers: NHS-0403(024)

Project: RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE PHASE 2

Limits: Route 4 to West Davisville Road

City/Town: EAST GREENWICH, NORTH KINGSTOWN

County: KENT, WASHINGTON

Submitted By: _____

Address: _____

Name of Surety: _____

Total Bid: _____

(BIDDER MUST FILL IN ALL ABOVE SPACES)

The basis of award of the Contract will be the total bid for all quantities of work in the proposal subject to review and correction as provided for in the Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction and Standard Details.

NOTE: The State of Rhode Island Standard Specifications for Road and Bridge Construction and Standard Details consists of the following:

- The Rhode Island Standard Specifications for Road and Bridge Construction, 2004 Edition.
- The Rhode Island Standard Details, 1998 Edition, with all revisions.
- **The Rhode Island Bridge Standard Details, 2003 Edition**

*** Refer to Section 102.05 of the Standard Specifications for specifications regarding
the use of Quest Lite software for bid preparation.**

The above documents may be obtained at the Rhode Island Department of Transportation, Contracts and Specifications Office upon request.

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ADMINISTRATION - DIVISION OF PURCHASES**

NOTICE TO HIGHWAY AND BRIDGE CONTRACTORS

Sealed Proposals addressed to the State Purchasing Agent, Rhode Island Department of Administration, Division of Purchases, One Capitol Hill, Providence, Rhode Island 02903, will be opened and read in public on 10/21/05 at 11:30 am. All bidders MUST register online at www.purchasing.ri.gov. A Bidder Certification Cover Sheet MUST accompany each bid. Bid item description and quantities estimated for this project will also be available online. Should you need assistance in registering or downloading a bid, call (401) 222-2142 ext. 134. Failure to comply will result in mandatory disqualification per Item 4 of Section 102.12 of the Rhode Island Department of Transportation's Standard Specifications for Road and Bridge Construction 2004 Edition and RI General Law 37-2-17 which references the RI Vendor Information Program (RIVIP).

DESCRIPTION: This project, Rhode Island Contract No. 2005-CH-084, Federal Aid Project No. NHS-0403(024), consists of the construction of the Route 4 Interchange to Relocated Route 403 and the completion of Relocated Route 403 in the Towns of East Greenwich and North Kingstown, Rhode Island, Counties of Kent and Washington. Highway work will include the completion of Relocated Route 403, Ramp 4-A and Ramp 4-B, the construction of Ramp 4-D, Ramp 4-E, Ramp 4-F, Ramp 4-G, Ramp 4-H and Ramp 4-I. Highway work will also include the rehabilitation of Davisville Road and Frenchtown Road. Bridge work will include the construction of Bridge Nos. 1013 and 1014, the rehabilitation of Bridge No. 763, and the demolition of Bridge No. 765. Also included in the contract are site preparation, earth excavation, rock excavation, installation of new drainage systems, installation of new bituminous pavement structure, relocation of water lines, new guardrail, new traffic signals, new pavement markings, new highway signing, new highway lighting, maintenance and protection of traffic, erosion protection, and other highway items of work complete and accepted by the Engineer. All work to be performed in accordance with the Rhode Island Standard Specifications for Road and Bridge Construction, 2004 Edition.

The Contractor will be required, in accordance with the provisions of the Disadvantaged Business Enterprise Affirmative Action Certification for Contractors and Consultants, to meet the established goal of not less than 10 percent of the contract bid price, including the established Race-Conscious goal of not less than 0 percent, to the Contractors, Subcontractors, and/or suppliers which qualify as Disadvantaged Business Enterprises (DBE's).

Computer Disks for competitive bidding for the above described work will be furnished by the Department of Transportation, Division of Administrative Services, Contracts & Specifications Office, Room 108, Two Capitol Hill, Providence, Rhode Island, 02903, Tel.Number (401)-222-2495. The Plans, Specifications and Special Provisions may also be examined on or after 9/30/05 every weekday except holidays between the hours of 8:00 AM and 4:00 PM.

The Bid Package consists of a compact disk that contains the Construction Plans, the 2004 Standard Specifications for Road and Bridge Construction, the Compilation of Approved Specifications, the Required Contract Provisions for Federal-Aid Construction Contracts, the General Provisions, the Rhode Island Standard Details, the Rhode Island Bridge Standard Details, the Federal Wage Rates, the Contract-Specific General Provisions, the Job-Specific Specifications, the Distribution of Quantities, the Quest Lite bid file, Quest Lite installation software and the Quest Lite User Manual. Only complete bid packages will be issued.

Prospective bidders are hereby notified that all questions pertaining to the contract documents shall be submitted to the Department of Transportation through its website at www.dot.state.ri.us by accessing the questions menu located within the project listing under the "Contracting - Bidding Opportunities" link. Responses to questions submitted will also be posted to this location. Phone calls will not be accepted.

Appendix A - Subsurface Exploration

Appendix B - Existing Bridge and Culvert Plans

Please also note that all Bidding Documents required to be submitted and in fact submitted to the Purchasing Agent as part of a bid will be considered returned to the State and need not be returned to RIDOT.

A bid bond payable to the State of Rhode Island, in the amount of 5% of the total or gross sum of the bid must be furnished by each bidder. The Proposal Guaranty will be furnished by surety companies authorized/licensed to do business in the State of Rhode Island. The State reserves the right to retain the surety of all bidders until the successful bidder enters into the Contract or until such time as the award or cancellation of the Contract is announced at which point Sureties will be returned to all bidders by the State of Rhode Island. A performance bond of one hundred (100) percent of the contract price with a satisfactory surety company will be required of the successful bidder. All surety companies must be listed with The Department of the Treasury, Fiscal Services, Circular 570, (Latest Revision published by the Federal Register). The Department of Transportation reserves the right to reject any or all bids.

Required Contract Provisions - The attention of prospective bidders is called to the fact that this project is to be bid upon and the contract executed under the rules and regulations for carrying out the provisions of the Federal-Aid Highway Act, subject to all appropriate Federal Laws, including Title VI of the Civil Rights Act of 1964, as amended and supplemented, and the required provisions for Federal - Aid Contracts, as provided for in Chapters 85, 86 and 88 of the Public Laws of Rhode Island, 1960.

Wages of labor on Federal -Aid Highway Projects - the prevailing rate of wages for laborers and mechanics employed by contractors or subcontractors on the initial construction of highway projects on the Federal - Aid Highway System, authorized under the Federal Highway Act of 1968, shall be paid wages at rates not less than those prevailing on the same type of work on similar construction in the immediate locality as determined by the United States Secretary of Labor, in accordance with the Act of August 30, 1935, known as the Davis - Bacon Act, under Decision Nos. 1 through 6 as applicable.

Prevailing wage rates and Davis - Bacon Wage Determination Reference Materials are available online at www.purchasing.ri.gov. It is advisable to print only the pages applicable to this bid; the rates active on the Rhode Island Vendor Information Program's bid solicitation date for this project are applicable for the duration of the contract resulting from this bid.

Work Hours Act of 1962 - This contract is subject to Work Hours Act of 1962, Public Law 87-581 and implementing regulations.

Pre-Bid Conference - A Pre-Bid Conference will be held at 2 Capitol Hill, Providence, Rhode Island, TMC, Rm. 126 at 9:00am on 10/11/05 at for the purpose of reviewing construction problems and/or operations concerning the project. Individuals requesting interpreter services for the hearing impaired must notify 401-222-4971 (T.D.D.) a minimum of at least three(3) business days, seventy-two(72) hours prior to the conference date.

DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES

BY BRIAN P. STERN

EXECUTIVE DIRECTOR/PURCHASING AGENT

SPECIAL NOTE

ANY REFERENCE TO THE RHODE ISLAND DEPARTMENT OF PUBLIC WORKS OR THE DIRECTOR OF PUBLIC WORKS SHOULD BE REVISED TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION AND THE DIRECTOR OF TRANSPORTATION RESPECTIVELY.

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (DOT) operates the above toll-free hotline Monday through Friday, 8:00 a.m. to 5 p.m. eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the hotline to report such activities.

The hotline is part of the DOT's continuing effort to identify, and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

Items List

Date: 9/8/2005

Project Name - RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE
PHASE 2

R.I. Contract No. - 2005-CH-084

FAP Nos: NHS-0403(024)

Seq No.	Item Code	Description	Quantity	UM
001	201.0301	CUTTING AND DISPOSING ISOLATED TREES AND STUMPS (4"- 24")	34.00	EACH
002	201.0302	CUTTING AND DISPOSING ISOLATED TREES AND STUMPS (24" OR PLUS)	21.00	EACH
003	201.0310	REMOVE AND DISPOSE SHRUBS	3.00	EACH
004	201.0320	CLEARING AND GRUBBING	9.00	ACRE
005	201.0402	REMOVE AND DISPOSE CONCRETE CURB	17,608.00	LF
006	201.0403	REMOVE AND DISPOSE SIDEWALKS	217.00	SY
007	201.0406	REMOVE AND DISPOSE HIGHWAY BOUNDS	3.00	EACH
008	201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	62,876.00	SY
009	201.0410	REMOVE AND DISPOSE CATCH BASINS	41.00	EACH
010	201.0412	REMOVE AND DISPOSE MANHOLE	1.00	EACH
011	201.0414	REMOVE AND DISPOSE PIPE - ALL SIZES	3,934.00	LF
012	201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES	6,808.00	LF
013	201.0419	REMOVE AND DISPOSE FENCE	375.00	LF
014	201.0423	REMOVE AND DISPOSE HANDHOLE	70.00	EACH
015	201.0425	REMOVE AND DISPOSE FLARED END SECTION	46.00	EACH
016	201.0428	REMOVE AND DISPOSE FRAME AND GRATE OR FRAME AND COVER	4.00	EACH
017	201.0430	REMOVE AND DISPOSE CONCRETE MEDIAN BARRIER	200.00	LF
018	201.0431	REMOVE AND DISPOSE CONCRETE MEDIAN MARKER	1,073.00	SY
019	201.0434	REMOVE AND DISPOSE MONITORING/OBSERVATION WELL	5.00	EACH
020	201.0440	REMOVE AND DISPOSE ASBESTOS CEMENT PIPE/ DUCT (TRANSITE) ALL TYPES AND SIZES	364.00	LF
021	201.0453	REMOVE AND STOCKPILE ON SITE FRAME GRATES AND COVERS	1.00	EACH
022	201.0458	REMOVE AND DISPOSE PIPE PLUGS ALL SIZES	6.00	EACH
023	201.0601	REMOVE AND DISPOSE GROUND MOUNTED SIGNS	4.00	EACH
024	201.0604	REMOVE AND DISPOSE GROUND MOUNTED SIGN POSTS	4.00	EACH
025	201.0605	REMOVE AND DISPOSE GROUND MOUNTED SIGN BASES	4.00	EACH
026	201.0610	REMOVE AND DISPOSE DIRECTIONAL, WARNING, REGULATORY, SERVICE, AND STREET SIGNS	39.00	EACH
S027	201.0613	REMOVE AND STOCKPILE LIGHT STANDARDS	67.00	EACH
S028	201.0615	REMOVE AND STOCKPILE LUMINAIRE	70.00	EACH
029	201.0616	REMOVE AND DISPOSE LIGHT STANDARD FOUNDATIONS	64.00	EACH
030	201.0617	REMOVE AND DISPOSE CONDUIT - ALL SIZES	13,571.00	LF
S031	201.0619	REMOVE AND SALVAGE TRAFFIC SIGNAL SYSTEM	1.00	EACH
032	201.0622	REMOVE AND DISPOSE OVERHEAD SIGN PANEL	2.00	EACH
033	201.9901	REMOVE AND DISPOSE DELINEATORS	32.00	EACH
034	201.9902	REMOVE AND DISPOSE WOOD POST W/BOX	6.00	EACH
035	201.9903	REMOVE AND DISPOSE PAVED WATERWAYS	330.00	SY
036	201.9904	REMOVE AND DISPOSE STONE WALL	277.00	LF

Items List

Date: 9/8/2005

Project Name - RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE
PHASE 2

R.I. Contract No. - 2005-CH-084

FAP Nos: NHS-0403(024)

Seq No.	Item Code	Description	Quantity	UM
037	201.9905	REMOVE AND DISPOSE OVERHEAD SIGN BRIDGE AND FOUNDATIONS	1.00	EACH
038	201.9906	REMOVE AND SALVAGE ATTENUATOR	1.00	EACH
039	201.9907	REMOVE AND RELOCATE STONE MONUMENT	1.00	EACH
040	201.9908	REMOVE AND DISPOSE PORTION OF EXISTING CULVERT	1.00	LS
041	201.9909	REMOVE AND DISPOSE MEDIAN ISLAND	175.00	SY
042	201.9910	REMOVE AND DISPOSE EXISTING TELEPHONE DUCTS	305.00	LF
043	201.9911	REMOVE AND DISPOSE TELEPHONE MANHOLE	1.00	EACH
044	201.9912	REMOVE AND DISPOSE FLARED GUARDRAIL END TERMINAL	1.00	EACH
045	201.9913	REMOVE AND DISPOSE TEMPORARY LIGHTS	10.00	EACH
046	201.9914	REMOVE AND SALVAGE RADAR VEHICLE DETECTOR	1.00	EACH
047	201.9915	REMOVE AND RELOCATE VEHICLE COUNT STATION AND APPURTENANCES	1.00	EACH
048	201.9916	REMOVE AND DISPOSE 12" PIPE ON BRIDGE NO. 763	370.00	LF
049	201.9918	REMOVE AND DISPOSE GRANITE CURB AT BRIDGE NO. 763	82.00	LF
050	201.9919	REMOVE AND DISPOSE SERVICE PEDESTAL	2.00	EACH
051	202.0100	EARTH EXCAVATION	138,825.00	CY
052	202.0200	ROCK EXCAVATION COMMON	16,231.00	CY
053	202.0201	ROCK EXCAVATION MECHANICAL	980.00	CY
S054	202.0204	PRESPLITTING BEDROCK	931.00	SY
055	203.0100	STRUCTURAL EXCAVATION EARTH	10,200.00	CY
056	203.0210	STRUCTURAL EXCAVATION ROCK	3,757.00	CY
057	203.0220	STRUCTURAL EXCAVATION ROCK MECHANICAL	510.00	CY
058	203.0600	FILL GRAVEL BORROW UNDER STRUCTURES	27.00	CY
059	203.0650	CRUSHED STONE FILL UNDER STRUCTURES	425.00	CY
060	203.0700	PERVIOUS FILL	10,830.00	CY
061	203.9901	CRUSHED STONE	28.00	CY
062	203.9902	DEWATERING/DIVERSION OF WATER	1.00	LS
063	204.0100	TRIMMING AND FINE GRADING	230,744.00	SY
064	205.0240	TRENCH ROCK EXCAVATION (0-7')	2,659.00	CY
065	205.0250	TRENCH ROCK EXCAVATION (7-12')	168.00	CY
066	205.0260	TRENCH ROCK EXCAVATION (12'-D)	120.00	CY
067	205.0270	TRENCH ROCK EXCAVATION-MECHANICAL (0-7')	295.00	CY
068	206.0201	BALED HAY EROSION CHECK STANDARD 9.1.0	20,790.00	LF
069	206.0208	REMOVAL OF BALED HAY EROSION CHECKS	10,300.00	LF
070	206.0230	BALED HAY EROSION CHECK AND SILT FENCE COMBINED STANDARD 9.3.0	7,300.00	LF
071	206.9901	NON-WOVEN GEOTEXTILE FABRIC	470.00	SY
072	207.0202	BALED HAY DITCH EROSION CHECK STANDARD 9.4.0	8,064.00	LF
073	208.0100	DEWATERING BASIN STANDARD 9.7.0	1,640.00	SF
074	208.9901	REINFORCED WATER BARRIER LINER WITH SAND BEDDING	5,550.00	SY

Items List

Date: 9/8/2005

Project Name - RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE
PHASE 2

R.I. Contract No. - 2005-CH-084

FAP Nos: NHS-0403(024)

Seq No.	Item Code	Description	Quantity	UM
075	208.9902	WATER QUALITY BASIN DEPTH INDICATOR POST	2.00	EACH
076	208.9903	IMPERVIOUS DITCH LINER	610.00	SY
077	209.0110	BALED HAY CATCH BASIN INLET PROTECTION STANDARD 9.8.0	144.00	LF
078	212.2000	CLEANING AND MAINTENANCE OF EROSION CONTROLS	1.00	LS
079	302.0100	GRAVEL BORROW SUBBASE COURSE	48,827.00	CY
080	303.9901	CHIPSTONE	143.00	CY
081	303.9902	SPECIAL GRADED AGGREGATE	143.00	CY
082	401.0100	BITUMINOUS BASE COURSE	33,393.00	TON
083	401.0200	BITUMINOUS SURFACE COURSE TYPE I-1	17,756.00	TON
084	401.0300	BITUMINOUS SURFACE COURSE TYPE I-2	31.00	TON
085	402.0870	DENSE FRICTION COURSE	21,502.00	TON
086	403.0300	ASPHALT EMULSION TACK COAT	413,066.00	SY
087	410.1000	TEMPORARY PATCHING MATERIAL/TRENCHES	318.00	TON
088	601.0300	CLASS A PORTLAND CEMENT CONCRETE	47.00	CY
089	603.1000	CONTROLLED LOW STRENGTH MATERIAL	6.00	CY
090	701.0412	REINFORCED CONCRETE PIPE M 170 CLASS III 12 INCH	6,202.00	LF
091	701.0418	REINFORCED CONCRETE PIPE M 170 CLASS III 18 INCH	5,334.00	LF
092	701.0424	REINFORCED CONCRETE PIPE M 170 CLASS III 24 INCH	1,582.00	LF
093	701.0430	REINFORCED CONCRETE PIPE M 170 CLASS III 30 INCH	654.00	LF
094	701.0436	REINFORCED CONCRETE PIPE M 170 CLASS III 36 INCH	350.00	LF
095	701.5212	12 INCH DUCTILE IRON WATER PIPE CLASS 52, RESTRAINED JOINT	700.00	LF
096	701.5216	16 INCH DUCTILE IRON WATER PIPE CLASS 52, RESTRAINED JOINT	700.00	LF
097	701.7712	12 INCH REINFORCED CONCRETE PIPE END SECTION STANDARD 2.3.0	18.00	EACH
098	701.7718	18 INCH REINFORCED CONCRETE PIPE END SECTION STANDARD 2.3.0	4.00	EACH
099	701.7724	24 INCH REINFORCED CONCRETE PIPE END SECTION STANDARD 2.3.0	2.00	EACH
100	701.7730	30 INCH REINFORCED CONCRETE PIPE END SECTION STANDARD 2.3.0	1.00	EACH
101	701.7736	36 INCH REINFORCED CONCRETE PIPE END SECTION STANDARD 2.3.0	1.00	EACH
102	701.8003	PIPE BEDDING CLASS C	97.00	CY
103	701.8100	FURNISH AND INSTALL DUCTILE IRON FITTINGS	11,370.00	LBS
104	701.8112	12 INCH GATE VALVE AND BOX	1.00	EACH
105	701.8160	BLOW OFF ASSEMBLY	2.00	EACH
106	701.9001	CONDUCT LEAKAGE TEST	4.00	EACH
107	701.9002	STERILIZATION OF WATER MAINS	1.00	LS
S108	701.9901	TELEPHONE DUCTS, TYPE-C PVC, CONCRETE ENCASED	200.00	LF
S109	701.9902	TELEPHONE DUCTS, TYPE-C PVC, IN BRIDGE SIDEWALK	84.00	LF
110	701.9903	12 INCH TRANSITION COUPLING	1.00	EACH
111	701.9904	12 INCH PIPE INSULATION	175.00	LF

Items List

Date: 9/8/2005

Project Name - RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE
PHASE 2

R.I. Contract No. - 2005-CII-084

FAP Nos: NHS-0403(024)

Seq No.	Item Code	Description	Quantity	UM
112	701.9905	16 INCH PIPE INSULATION	185.00	LF
113	701.9906	16 INCH TRANSITION COUPLING	1.00	EACH
114	701.9907	GALVANIZED PIPE ROLLER STAND ASSEMBLY FOR 12" DIAMETER WATER MAIN	7.00	EACH
115	701.9908	GALVANIZED PIPE ROLLER STAND ASSEMBLY FOR 16" DIAMETER WATER MAIN	7.00	EACH
116	701.9909	16 INCH BUTTERFLY VALVE AND BOX	2.00	EACH
117	701.9910	SUPPORT OF TEMPORARY WATER MAINS	1.00	LS
S118	701.9911	EXPANSION COUPLING WITH TRANSVERSE MOTION - 4" PVC (TYPE C)	27.00	EACH
119	702.0514	FRAME AND GRATE STANDARD 6.4.0	4.00	EACH
120	702.0515	FRAME AND GRATE HIGH CAPACITY STANDARD 6.3.3	97.00	EACH
121	702.0516	FRAME AND GRATE, HIGH CAPACITY, STANDARD 6.3.4	13.00	EACH
122	702.0517	FRAME AND GRATE, STANDARD 6.3.2	1.00	EACH
123	702.0521	FRAME AND COVER STANDARD 6.2.0	19.00	EACH
124	702.0522	FRAME AND COVER STANDARD 6.2.1	3.00	EACH
125	702.0533	PRECAST CONCRETE APRON STONE 38" STANDARD 7.1.8	55.00	EACH
126	702.0605	PRECAST CATCH BASIN 4' DIAMETER STANDARD 4.4.0	72.00	EACH
127	702.0610	PRECAST CATCH BASIN 5' DIAMETER STANDARD 4.4.0	2.00	EACH
128	702.0615	PRECAST CATCH BASIN 6' DIAMETER STANDARD 4.4.0	8.00	EACH
129	702.0630	PRECAST MANHOLE 4' DIAMETER STANDARD 4.2.0	20.00	EACH
130	702.0640	PRECAST MANHOLE 6' DIAMETER STANDARD 4.2.2	3.00	EACH
131	702.0706	CATCH BASIN TYPE 'R' ROUND STANDARD 3.4.3	3.00	EACH
132	702.0713	PRECAST CONCRETE DROP INLET WITH APRON STONE STANDARD 4.5.1	1.00	EACH
133	702.0750	MANHOLES, CATCH BASINS & INLETS DEPTHS GREATER THAN 12' STANDARD 3.7.0	13.00	VLF
134	702.9901	ANTI-SEEP COLLAR	1.00	EACH
135	702.9902	PRECAST CATCH BASIN AT MEDIAN BARRIER	14.00	EACH
136	702.9903	6' X 10' PRECAST CONCRETE BOX CULVERT	95.00	LF
137	702.9904	WATER QUALITY DISCHARGE CHAMBER (BASIN NO. 3)	1.00	EACH
138	702.9905	INSTALL FRAME AND GRATE FROM STOCK PILE	1.00	EACH
139	703.0708	8" PERFORATED POLYVINYL CHLORIDE PIPE M278 UNDERDRAIN WITH FILTER MATERIAL STAND	4,910.00	LF
140	703.9901	8" PERF. PVC PIPE M278 UNDERDRAIN WITH FILTER MAT. STD 1.1.0 MODIFIED FOR LEDGE C	3,030.00	LF
141	706.9000	PLUG AND CAP PIPE ALL SIZES	20.00	EACH
142	707.0900	ADJUST MANHOLES TO GRADE	2.00	EACH
143	707.0950	ADJUST TELEPHONE MANHOLE TO GRADE	2.00	EACH
144	707.1100	ADJUST CATCH BASINS	9.00	EACH
145	707.1900	ADJUST FRAME & COVER TO GRADE	1.00	EACH
146	707.2000	ADJUST FRAME AND GRATE TO GRADE	186.00	EACH
147	707.9901	ADJUST COMMUNICATIONS MANHOLE FRAME AND COVER TO GRADE	9.00	EACH
148	708.9040	CLEANING AND FLUSHING PIPE ALL SIZES	1,265.00	LF

Items List

Date: 9/8/2005

Project Name - RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE
PHASE 2

R.I. Contract No. - 2005-CH-084

FAP Nos: NHS-0403(024)

Seq No.	Item Code	Description	Quantity	UM
149	708.9041	CLEANING CATCH BASINS ALL TYPES AND SIZES	5.00	EACH
150	708.9042	CLEANING MANHOLES ALL TYPES AND SIZES	5.00	EACH
151	709.8103	FURNISH & INSTALL CEMENT CONCRETE CLASS B THRUST & ANCHOR BLOCKS CAST-IN-PLACE	13.60	CY
152	709.9901	CAST IN PLACE CONCRETE FOR CULVERT EXTENSION	27.00	CY
153	711.0110	3" PAVED WATERWAY CLASS I-1 STANDARD 8.4.0	315.00	SY
154	713.8269	ADJUST WATER GATE BOXES TO GRADE	36.00	EACH
155	803.9901	REMOVAL OF EXISTING BRIDGE NO. 765	1.00	LS
156	803.9902	TEMPORARY PROTECTIVE SHIELDING FOR REMOVAL OF BRIDGE NO. 765	11,500.00	SF
157	803.9903	REMOVE AND DISPOSE PORTIONS OF EXISTING CONCRETE SUPERSTRUCTURE FOR BRIDGE NO. 76	55.00	CY
158	803.9904	REMOVE AND DISPOSE PORTIONS OF EXISTING CONCRETE SUBSTRUCTURE FOR BRIDGE NO. 763	215.00	CY
159	803.9905	REMOVE AND DISPOSE PORTIONS OF EXISTING CONCRETE BRIDGE DECK BY SCARIFICATION FOR	2,650.00	SY
160	803.9906	REMOVE AND DISPOSE EXISTING STEEL BEARINGS ON BRIDGE NO. 763	40.00	EACH
161	803.9907	REMOVE AND DISPOSE PAVEMENT AND WATERPROOFING ON BRIDGE NO. 763	2,720.00	SY
162	803.9908	REMOVE AND DISPOSE SCUPPER PIPING ON BRIDGE NO. 763	155.00	LF
163	803.9909	REMOVE AND DISPOSE FENCE ON BRIDGE NO. 763	360.00	LF
164	803.9910	TEMPORARY PROTECTIVE SHIELDING FOR BRIDGE NO. 763	21,000.00	SF
165	803.9911	REMOVE AND DISPOSE SLOPE PAVING FOR BRIDGE NO. 763	130.00	SY
166	803.9912	REMOVE AND DISPOSE BRIDGE RAIL FOR BRIDGE NO. 763	724.00	LF
167	805.2000	TEMPORARY SHEET PILING STEEL FURNISH AND DRIVE	2,200.00	SF
168	805.2050	TEMPORARY SHEET PILING STEEL ABANDONED IN PLACE	220.00	SF
169	805.9901	PRECAST CONCRETE MODULAR WALL	725.00	SF
170	805.9902	PERMANENT SOIL NAILED WALL WITH CONCRETE FACING	800.00	SY
171	808.0322	CONCRETE SUBSTRUCTURE CLASS HP 3/4" END POSTS	44.00	CY
172	808.0323	CONCRETE SUBSTRUCTURE CLASS HP 3/4" PARAPETS	22.00	CY
173	808.0324	CONCRETE SUBSTRUCTURE CLASS HP 3/4" BRIDGE SIDEWALK	9.00	CY
174	808.0502	CONCRETE SUBSTRUCTURE CLASS XX 3/4" ABUT FOOTING	898.00	CY
175	808.0504	CONCRETE SUBSTRUCTURE CLASS XX 3/4" WALL FOOTING	114.00	CY
176	808.0505	CONCRETE SUBSTRUCTURE CLASS HP 3/4" WALL STEMS	405.00	CY
177	808.0506	CONCRETE SUBSTRUCTURE CLASS HP 3/4" ABUT STEMS	1,050.00	CY
178	808.0508	CONCRETE SUBSTRUCTURE CLASS XX 3/4" APPROACH SLABS	211.00	CY
179	808.0602	CONCRETE SUBSTRUCTURE CLASS HP 3/4" BACKWALLS	140.00	CY

Items List

Date: 9/8/2005

Project Name - RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE
PHASE 2

R.I. Contract No. - 2005-CH-084

FAP Nos: NHS-0403(024)

Seq No.	Item Code	Description	Quantity	UM
180	808.1501	CONCRETE SUPERSTRUCTURE CLASS HP 3/4" BRIDGE DECKS	285.00	CY
181	808.1502	CONCRETE SUPERSTRUCTURE CLASS HP 3/4" BRIDGE SIDEWALKS	24.00	CY
182	808.1503	CONCRETE SUPERSTRUCTURE CLASS HP 3/4" PARAPETS	93.00	CY
183	808.1507	CONCRETE SUPERSTRUCTURE CLASS HP 3/4" MEDIANS	1.00	CY
184	808.1631	PREFORMED JOINT FILLER BITUMINOUS 1/4"	40.00	SF
185	808.1642	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1"	875.00	SF
186	808.1644	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1-1/2"	210.00	SF
187	808.1646	PREFORMED POLYETHYLENE FOAM JOINT FILLER 2"	348.00	SF
188	808.1650	MASTIC JOINT SEALER (1" X 1")	40.00	LF
189	808.1651	MASTIC JOINT SEALER	20,030.00	CI
190	808.1670	POLYURETHANE JOINT SEALANT	9,100.00	CI
191	808.1810	CONCRETE SURFACE FINISHING RUBBED REGULAR	18,550.00	SF
192	808.1860	CONCRETE ARCHITECTUAL TREATMENT, FORM LINER FINISH	3,900.00	SF
193	808.9901	CONCRETE RETAINING WALL CLASS HP 3/4" STANDARD 10.3.0 (MODIFIED)	180.00	CY
194	808.9902	POLYSTYRENE FILLER	420.00	SF
195	808.9903	CONCRETE SURFACE TREATMENT GROOVED	380.00	SF
196	808.9904	CONCRETE SUBSTRUCTURE CLASS HP 3/4" BEAM SEATS	40.00	CY
197	808.9905	CONCRETE SUBSTRUCTURE SC HP CONCRETE 1/2" ABUTMENT AND WALL FACES	750.00	CF
198	810.0200	STANDARD BARS GRADE 60	227,298.00	LBS
199	810.0300	EPOXY COATED BARS GRADE 60	210,113.00	LBS
200	811.0101	WEEP HOLES 4 INCH DIAMETER	191.00	LF
201	811.2000	WALL DRAINS 4 INCH DIAMETER W/FILTER STONE	230.00	LF
202	811.9901	WALL DRAINS: 8" PERFORATED PVC PIPE M278 WITH FILTER STONE	435.00	LF
203	813.0200	PREFORMED WATERPROOFING MEMBRANE	24.00	SY
204	816.9901	HIGH PERFORMANCE CLASS HP CONCRETE FOR BRIDGE DECK OVERLAY FOR BRIDGE NO. 763	7,200.00	CF
205	817.2110	REPAIRS TO STRUCTURAL CONCRETE MASONRY (PATCHING MORTAR)	100.00	CF
206	818.2020	PORTLAND CEMENT CONCRETE DECK REPAIRS (PARTIAL DEPTH REMOVAL)	1,000.00	SF
207	818.9901	PORTLAND CEMENT CONCRETE DECK REPAIRS (FULL DEPTH REMOVAL)	10,000.00	SF
208	819.0800	DRILL AND GROUT REINFORCING DOWELS	180.00	EACH
209	820.0200	HIGH PRESSURE WATER CLEANING OF CONCRETE SURFACES	29,900.00	SF
210	820.9901	CLEAN GRANITE CURB	1,400.00	LF
211	821.1690	SAW & SEALING JOINTS IN BITUMINOUS CONCRETE PAVEMENT	118.00	LF
212	822.1695	SILICONE HIGHWAY JOINT SEALER	84.00	LF
S213	823.1750	ASPHALTIC EXPANSION JOINT SYSTEM	254.00	LF

Items List

Date: 9/8/2005

Project Name - RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE
PHASE 2

R.I. Contract No. - 2005-CH-084

FAP Nos: NHS-0403(024)

Seq No.	Item Code	Description	Quantity	UM
214	823.9901	FIXED JOINT DECK ANGLE ASSEMBLY	118.00	LF
215	824.0422	AASHTO M270 GRADE 50 STEEL FURNISH FAB. & ERECT BUILT UP SIMPLE SPANS	204,500.00	LBS
216	824.0620	WELDED STUD SHEAR CONNECTORS 3/4 INCH DIAMETER	5,142.00	EACH
217	824.9903	TEMPORARY JACKING AND SHORING OF GIRDER AT ABUTMENT	20.00	EACH
218	824.9904	TEMPORARY JACKING AND SHORING OF GIRDER AT PIER	20.00	EACH
219	824.9905	BRIDGE GIRDER REPAIRS TYPE 1 (END OF WEB)	2.00	EACH
220	824.9906	BRIDGE GIRDER REPAIRS TYPE 2 (END OF WEB)	2.00	EACH
221	824.9907	BRIDGE GIRDER REPAIRS TYPE 3 (END OF WEB)	12.00	EACH
222	824.9908	BRIDGE GIRDER REPAIRS TYPE 4 (REPLACE END DIAPHRAGMS)	16.00	EACH
S223	825.8015	SURFACE PREPARATION USING SSPC-SP1 METHODS	142,000.00	SF
S224	825.8025	SURFACE PREPARATION TO SSPC-SP6 STANDARDS	71,000.00	SF
S225	825.8040	PAINTING EXISTING STRUCTURAL STEEL	71,000.00	SF
226	825.8045	PAINTING STRUCTURAL STEEL	16,200.00	SF
227	826.9901	CONTAINMENT, COLLECTION, STORAGE AND DISPOSAL OF DEBRIS AND SPENT MATERIALS FOR B	1.00	LS
228	826.9902	PERSONNEL PROTECTION DURING PAINTING AND CLEAING OPERATIONS FOR BRIDGE NO. 763	1.00	LS
229	828.0100	POT BEARINGS	8.00	EACH
230	828.0210	SLIDING BEARINGS STANDARD EXPANSION	29.00	EACH
231	828.0220	SLIDING BEARINGS FIXED COMPANION	9.00	EACH
232	828.0303	ELASTOMERIC BEARINGS LAMINATED	20.00	EACH
233	829.0300	POLYVINYL CHLORIDE SCUPPER PIPING	74.00	LF
234	830.0110	ALUMINUM BRIDGE RAIL 1 BAR ORNAMENTAL	789.00	LF
235	831.9901	PVC COATED STEEL CHAIN LINK FENCE	874.00	LF
236	832.8050	BRIDGE MINIMUM CLEARANCE SIGNS	4.00	EACH
237	832.8051	BRIDGE IDENTIFICATION SIGNS	4.00	EACH
238	833.0400	GRANITE IDENTIFICATION TABLETS	13.00	EACH
239	834.0121	VERTICAL FACE GRANITE CURB STRAIGHT 9" REVEAL	148.00	LF
240	834.0123	VERTICAL FACE GRANITE CURB TRANSITION	6.00	LF
241	834.0212	SLOPE FACE GRANITE CURB STRAIGHT 10" X 15"	40.00	LF
242	834.0222	SLOPE FACE GRANITE CURB STRAIGHT TRANSITION	24.00	LF
243	834.9901	SLOPE FACE GRANITE CURB STRAIGHT 10"X12 1/2"	170.00	LF
244	834.9902	VERTICAL/SLOPE FACE GRANITE CURB STRAIGHT TRANSITION	6.00	LF
245	834.9903	VERTICAL FACE GRANITE CURB - STRAIGHT 6" X 11"	44.00	LF
246	834.9904	SLOPE FACE GRANITE CURB - STRAIGHT 9" X 10"	18.00	LF
247	834.9905	VERTICAL/SLOPE FACE GRANITE CURB STRAIGHT 6"X21"	20.00	LF
248	834.9906	SLOPE FACE GRANITE MEDIAN CURB NOSING	1.00	EACH
249	834.9907	VERTICAL FACE GRANITE CURB STRAIGHT 6"X18"	40.00	LF
250	835.0120	DECK SCUPPERS DOUBLE	2.00	EACH

Items List

Date: 9/8/2005

Project Name - RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE
PHASE 2

R.I. Contract No. - 2005-CH-084

FAP Nos: NHS-0403(024)

Seq No.	Item Code	Description	Quantity	UM
251	836.0100	STRUCTURAL CONCRETE CRACK REPAIR BY EPOXY-RESIN BASE ADHESIVE INJECTION	350.00	LF
S252	901.0101	GUARDRAIL STEEL BEAM SINGLE FACE EARTH AND ASPHALT	5,460.00	LF
S253	901.0183	STEEL BEAM BRIDGE CONNECTION APPROACH END (W/O NESTED RAIL)	4.00	EACH
S254	901.0184	STEEL BEAM BRIDGE CONNECTION TRAILING END (W/ NESTED RAIL)	2.00	EACH
S255	901.0191	GUARDRAIL STEEL BEAM ANCHORAGE TRAILING END SECTION STANDARD 34.3.4	17.00	EACH
S256	901.0194	GUARDRAIL CONNECTION TO BARRIER - APPROACH END SECTION - STD. 34.3.7	1.00	EACH
S257	901.9901	FLARED GUARDRAIL END TERMINAL	16.00	EACH
S258	901.9902	THREE BEAM BRIDGE CONNECTION	4.00	EACH
S259	901.9903	THREE BEAM TRANSITION	4.00	EACH
S260	901.9904	SPECIAL GUARDRAIL CONNECTION TO ENDPOSTS	1.00	EACH
S261	901.9905	TANGENTIAL GUARDRAIL END TERMINAL	3.00	EACH
S262	901.9906	GUARDRAIL STEEL BEAM SINGLE FACE, EARTH AND ASPHALT, GROUNDED	1,000.00	LF
S263	903.0205	CHAIN LINK FENCE 5' STD 31.2.0	3,145.00	LF
S264	903.9901	CHAIN LINK FENCE, 5', STD 31.2.0, GROUNDED	1,225.00	LF
265	905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	57.00	CY
266	906.0110	GRANITE CURB, QUARRY SPLIT STRAIGHT, STANDARD 7.3.0	24.00	LF
267	906.0111	GRANITE CURB, QUARRY SPLIT CIRCULAR, STANDARD 7.3.0	8.00	LF
268	906.0210	CEMENT CONCRETE CURB PRECAST STRAIGHT STANDARD 7.1.0	2,407.00	LF
269	906.0211	CEMENT CONCRETE CURB PRECAST CIRCULAR STANDARD 7.1.0	319.00	LF
270	906.0221	6' PRECAST CONCRETE TRANSITION CURB STANDARD 7.1.2	8.00	EACH
271	906.0230	CEMENT CONCRETE SLOPE FACE CURB PRECAST STRAIGHT STANDARD 7.2.0	17,157.00	LF
272	906.0231	CEMENT CONCRETE SLOPE FACE CURB PRECAST CIRCULAR STANDARD 7.2.0	56.00	LF
273	906.0250	PRECAST CONCRETE WHEELCHAIR RAMP CURB STANDARDS 7.1.3, 43.3.0 AND 43.3.1	5.00	EACH
274	906.0270	PRECAST CONCRETE TRANSITION CURB STANDARD 7.2.2	4.00	EACH
275	906.0271	PRECAST CONCRETE SLOPE FACE TRANSITION CURB STANDARD 7.2.1	18.00	EACH
276	906.0280	3' PRECAST CONCRETE TRANSITION CURB STANDARD 7.1.1	4.00	EACH
277	906.0602	BITUMINOUS BERM STANDARD 7.5.1	20,952.00	LF
278	907.0100	WATER FOR DUST CONTROL	6,440.00	MGAL
279	907.0200	CALCIUM CHLORIDE FOR DUST CONTROL (PROJECT WIDE)	80.00	TON

Items List

Date: 9/8/2005

Project Name - RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE
 PHASE 2
 R.I. Contract No. - 2005-CH-084
 FAP Nos: NHS-0403(024)

Seq No.	Item Code	Description	Quantity	UM
280	909.3010	PRECAST MEDIAN BARRIER DOUBLE-FACED STANDARD 40.1.0	6,040.00	LF
281	909.3020	PRECAST MEDIAN BARRIER SINGLE-FACED STANDARD 40.2.0	60.00	LF
282	909.3021	PRECAST MEDIAN BARRIER SINGLE-FACED STANDARD 40.2.1	480.00	LF
283	909.3030	PRECAST MEDIAN BARRIER TRANSITION STANDARD 40.3.0	1.00	EACH
284	909.9901	CONCRETE BARRIER TREATMENT PROTECTIVE COATING	166,074.00	SF
285	909.9902	MEDIAN BARRIER ENHANCEMENT TREATMENT	2,190.00	EACH
286	909.9903	PRECAST MEDIAN BARRIER SINGLE FACED STANDARD 40.2.0 MODIFIED	1.00	EACH
287	914.5010	FLAGPERSONS	13,000.00	MHRS
288	914.5020	FLAGPERSONS - OVERTIME	1,300.00	MHRS
289	915.0200	HIGHWAY BOUNDS REINFORCED CONCRETE STANDARD 14.1.0	61.00	EACH
290	916.0600	SHOCK ABSORBING BARRIER MODULES	7.00	GRP
291	916.0650	REMOVE, RELOCATE AND RESET SHOCK ABSORBING BARRIER MODULES	4.00	GRP
S292	916.9901	NON-GATING IMPACT ATTENUATOR	1.00	EACH
293	919.0101	TEST PITS	30.00	EACH
294	920.0040	DUMPED STONE RIPRAP R-3, R-4, R-5 STANDARD 8.3.0	378.00	SY
295	920.0135	BEDDING FOR RIPRAP FS-2 STANDARD 8.3.0	378.00	SY
296	920.0200	FILTER FABRIC FOR RIP-RAP	378.00	SY
297	921.0100	SLOPE PAVING 16X8X4"	1,150.00	SY
298	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	2,539.00	SF
299	923.0105	DRUM BARRICADE STANDARD 26.2.0	150,000.00	B DAY
300	923.0120	PLASTIC PIPE BARRICADE STANDARD 26.3.0	8.00	EACH
301	923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	1,000.00	EACH
302	924.0113	ADVANCE WARNING ARROW PANEL	5,000.00	P DAY
303	925.0112	PORTABLE CHANGEABLE MESSAGE SIGN	1,500.00	P DAY
304	926.0130	PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0	5,700.00	LF
305	926.0140	REFLECTIVE DELINEATORS FOR TEMPORARY CONCRETE BARRIERS	119.00	EACH
306	927.0135	RELOCATE PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL	3,500.00	LF
307	928.0800	TRUCK MOUNTED ATTENUATOR WITH TRUCK MOUNTED FLASHING ARROW BOARD	250.00	P DAY
308	929.0100	FIELD OFFICES 240 SQUARE FOOT MINIMUM	36.00	PMO
309	929.0300	CHAMP MANAGEMENT SYSTEM	10,000.00	EACH
310	931.0110	CLEANING AND SWEEPING PAVEMENT	2,750.00	H SY
311	932.0100	CUTTING AND MATCHING ASPHALT	640.00	LF
312	932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT	17,073.00	LF
313	934.1000	SURVEY PARTY	456.00	P DAY

Items List

Date: 9/8/2005

Project Name - RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE
PHASE 2

R.I. Contract No. - 2005-CH-084

FAP Nos: NHS-0403(024)

Seq No.	Item Code	Description	Quantity	UM
314	935.0500	REMOVING BITUMINOUS SURFACE - COLD PLANING	64,360.00	SY
315	936.0110	MOBILIZATION	1.00	LS
316	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	1.00	LS
317	943.0100	TRAINEE MAN-HOURS	5,000.00	MNHR
S318	L01.0102	LOAM BORROW 4 INCHES DEEP	540.00	SY
S319	L01.0104	PLANTABLE SOIL 4 INCHES DEEP	143,969.00	SY
S320	L01.0107	HIGH ORGANIC SOILS 6 INCHES DEEP (BOTTOM)	4,390.00	SY
S321	L01.9901	PLANTABLE SOIL 8 INCHES DEEP	610.00	SY
S322	L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	144,509.00	SY
S323	L02.9901	EMERGENT WETLAND SEED MIX FOR BASIN	5,050.00	SY
S324	L04.0514	FERTILIZATION OF SEEDED AND GRASSED AREAS	30.00	ACRE
S325	L05.0502	ADHESIVE MULCH STABILIZER	3.60	ACRE
S326	L05.0506	JUTE MESH	21,230.00	SY
S327	L11.0102	TREE PLANT PROTECTION DEVICE STANDARD 51.1.0	7.00	EACH
S328	L11.0103	SHRUB PLANT PROTECTION DEVICE STANDARD 51.2.0	2,100.00	LF
S329	L11.0104	DRIP-LINE TREE PROTECTION DEVICE STANDARD 51.1.1	1,520.00	LF
S330	T04.5001	6 AWG SINGLE CONDUCTOR CABLE 600V INSULATION	240.00	LF
S331	T04.5302	14 AWG 2 CONDUCTOR TWISTED SHIELDED CABLE	365.00	LF
S332	T04.5305	14 AWG 5 CONDUCTOR CABLE	1,295.00	LF
S333	T04.6902	'2' STRANDED COPPER CONDUCTOR 600V INSULATION	67,872.00	LF
S334	T04.6904	'4' STRANDED COPPER CONDUCTOR 600V INSULATION	20,435.00	LF
S335	T04.6906	'6' STRANDED COPPER CONDUCTOR 600V INSULATION	1,130.00	LF
S336	T04.6910	'10' STRANDED COPPER CONDUCTOR 600V INSULATION	3,300.00	LF
S337	T04.6913	'000' STRANDED COPPER CONDUCTOR 600V INSULATION	30.00	LF
S338	T04.7502	TWO WAY SPLICE	51.00	EACH
S339	T04.7503	SEMI-PERMANENT 3-WAY SPLICE	217.00	EACH
S340	T04.9901	18 AWG 5 CONDUCTOR CABLE	355.00	LF
S341	T04.9902	5 ELEMENT COMPOSITE CABLE	86.00	LF
S342	T04.9903	6-PAIR, NO. 22 A.W.G. VEHICLE DETECTOR CABLE	384.00	LF
S343	T05.0100	PRECAST TYPE A HANDHOLE STANDARD 18.2.0	98.00	EACH
S344	T05.0200	PRECAST TYPE H HEAVY DUTY HANDHOLE STANDARD 18.2.1	23.00	EACH
S345	T05.0301	PRECAST TYPE B PULL BOX STANDARD 18.2.2	1.00	EACH
S346	T05.0400	BREAK INTO EXISTING HANDHOLE	11.00	EACH
S347	T06.1020	2 IN. RIGID STEEL CONDUIT - UNDERGROUND	265.00	LF
S348	T06.2020	2 IN. RIGID STEEL CONDUIT-OVERHEAD	20.00	LF
S349	T06.4020	2 IN. RIGID STEEL CONDUIT IN STRUCTURE	223.00	LF
S350	T06.5120	2 INCH SCHEDULE 40 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDERGROUND	12,926.00	LF
S351	T06.5130	3 INCH SCHEDULE 40 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDERGROUND	725.00	LF
S352	T06.5220	2 INCH SCHEDULE 80 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDERGROUND	4,408.00	LF

Items List

Date: 9/8/2005

Project Name - RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE
 PHASE 2
 R.I. Contract No. - 2005-CH-084
 FAP Nos: NHS-0403(024)

Seq No.	Item Code	Description	Quantity	UM
S353	T06.5230	3 INCH SCHEDULE 80 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDERGROUND	1,680.00	LF
S354	T06.5430	3 INCH SCHEDULE 80 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDER EXISTING PAVEMENT	1.00	LF
S355	T06.6020	2 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-OVERHEAD	50.00	LF
S356	T06.7002	EXPANSION COUPLING WITH TRANSVERSE MOTION 2" STEEL	3.00	EACH
S357	T07.1250	FURNISH AND INSTALL 250 WATT HIGH PRESSURE SODIUM LUMINAIRE	55.00	EACH
S358	T07.1400	FURNISH AND INSTALL 400 WATT HIGH PRESSURE SODIUM LUMINAIRE	84.00	EACH
S359	T08.0100	LIGHT STANDARD FOUNDATION WITH ANCHOR BOLTS STANDARD 18.1.0	68.00	EACH
S360	T08.2031	ALUMINUM LIGHTING STD. 30 FT. W/ SINGLE DAVIT ARM EXTN. 10 FT. STANDARD 18.3.0	47.00	EACH
S361	T08.2041	ALUMINUM LIGHTING STD. 40 FT. W/ SINGLE DAVIT ARM EXTN. 10 FT. STANDARD 18.3.0	25.00	EACH
S362	T08.2042	ALUM. LIGHTING STD. 40 FT. W/ DOUBLE DAVIT ARM EXTN. 10X10 FT. STANDARD 18.3.0	28.00	EACH
S363	T09.1000	SERVICE PEDESTAL STANDARD 18.4.0	1.00	EACH
S364	T11.1030	30 FOOT GAL STEEL MAST ARM TRAFFIC SIGNAL POST AND FOUNDATION STD 19.2.0	1.00	EACH
S365	T11.1045	45 FOOT GAL STEEL MAST ARM TRAFFIC SIGNAL POST AND FOUNDATION STD 19.2.0	2.00	EACH
S366	T11.9901	60 FOOT GALVANIZED STEEL CAMERA POLE WITH LOWERING DEVICE AND FOUNDATION	1.00	EACH
S367	T11.9902	PORTABLE LOWERING TOOL	1.00	EACH
S368	T11.9903	RISER POLE, 25' WOOD, CLASS 3, RI STD. 18.7.0	1.00	EACH
S369	T12.0018	ACTUATED CONTROLLER TS-2, TYPE 1 W/8 PHASE ASSEMBLY GROUND MOUNTED INCLUDING FOUN	1.00	EACH
S370	T12.9150	METER SOCKET W/MANUAL BY-PASS	1.00	EACH
S371	T12.9901	TEMPORARY SIGNAL	1.00	LS
S372	T12.9902	CAMERA ASSEMBLY	1.00	EACH
S373	T12.9903	CAMERA POWER SUPPLY	1.00	EACH
S374	T12.9904	VIDEO SERVER/RECEIVER	2.00	EACH
S375	T12.9905	NETWORK SWITCH	1.00	EACH
S376	T12.9906	SYSTEM STARTUP SUPPORT	1.00	LS
S377	T12.9907	MAINTENANCE OF TRAFFIC SIGNAL SYSTEMS	1.00	LS
S378	T13.1000	TRAFFIC DETECTORS-LOOP, STANDARD 19.6.0	618.00	LF
379	T13.1002	TRAFFIC DETECTOR RELAY-LOOP 2 CHANNEL	1.00	EACH
S380	T13.1004	TRAFFIC DETECTOR RELAY-LOOP 4 CHANNEL	1.00	EACH
S381	T13.9901	MICROWAVE DETECTOR	2.00	EACH
S382	T14.3513	1 WAY 3 SECTION MAST ARM MOUNTED SIGNAL HEAD 12 INCH	8.00	EACH
S383	T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	828.50	SF
S384	T15.0110	GUIDE SIGNS STANDARD 29.2.0	131.00	SF

Items List

Date: 9/8/2005

Project Name - RELOCATED ROUTE 403 - ROUTE 4 INTERCHANGE
PHASE 2

R.I. Contract No. - 2005-CH-084

FAP Nos: NHIS-0403(024)

Seq No.	Item Code	Description	Quantity	UM
S385	T15.0200	REMOVE AND RELOCATE DIRECTIONAL REGULATORY AND WARNING SIGN	4.00	EACH
S386	T15.1100	STREET SIGN - OVERHEAD MOUNTED	3.00	EACH
S387	T16.0100	GROUND MOUNTED PRIMARY DIRECTIONAL SIGN PANELS EXTRUDED ALUMINUM	1,290.00	SF
S388	T16.0200	REMOVE AND RELOCATE GROUND MOUNTED SIGN	1.00	EACH
S389	T16.0300	GROUND MOUNTED PRIMARY DIRECTIONAL SIGN POST-STEEL BREAKAWAY	14.00	EACH
S390	T16.9901	MODIFY EXISTING SIGN	2.00	EACH
S391	T17.0100	OVERHEAD SIGN PANELS	1,893.00	SF
S392	T17.0202	OVERHEAD SIGN STRUCTURE 21-25 FOOT CANTILEVER-STEEL	2.00	EACH
S393	T17.0203	OVERHEAD SIGN STRUCTURE 26-30 FOOT CANTILEVER - STEEL	1.00	EACH
S394	T17.0204	OVERHEAD SIGN STRUCTURE 31-35 FOOT CANTILEVER - STEEL	2.00	EACH
S395	T17.0205	OVERHEAD SIGN STRUCTURE 36-40 FOOT CANTILEVER - STEEL	2.00	EACH
S396	T17.9901	OVERHEAD SIGN STRUCTURE 124 FOOT SPAN - STEEL	1.00	EACH
S397	T20.0004	4 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	75,673.00	LF
S398	T20.0012	12 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	3,037.00	LF
S399	T20.0104	4 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	73,170.00	LF
S400	T20.0900	BI-DIRECTIONAL CONTROL DEVICE STANDARD 20.2.0	1.00	EACH
S401	T20.1000	REMOVE EXISTING PAVEMENT MARKINGS	29,500.00	LF
S402	T20.2004	4 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	200.00	LF
S403	T20.2006	6 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	57,396.00	LF
S404	T20.2012	12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	7,424.00	LF
S405	T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	6,870.00	LF
S406	T20.2016	6 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	51,290.00	LF
S407	T20.2020	EPOXY RESIN PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED STANDARD 20.1.0	11.00	EACH
S408	T20.9901	6 INCH WHITE HIGH PERFORMANCE TAPE	14,085.00	LF
S409	T20.9902	4 INCH WHITE WET RETRO-REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE	1,104.00	LF
S410	T20.9903	4 INCH YELLOW WET RETRO-REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE	1,104.00	LF
S411	T20.9904	4 INCH WHITE TEMPORARY WATERBORNE PAVEMENT MARKING PAINT	55,000.00	LF
S412	T20.9905	4 INCH YELLOW TEMPORARY WATERBORNE PAVEMENT MARKING PAINT	50,000.00	LF
S413	T20.9906	12 INCH WHITE TEMPORARY WATERBORNE PAVEMENT MARKING PAINT	4,000.00	LF
S414	T20.9907	WHITE EPOXY RESIN PAVEMENT MARKING - YIELD LINE SYMBOL	4.00	EACH